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(71) Applicant and

(72) Inventor: **HAMMERBECK, John, P., R.** [GB/GB];
Rawlings House, 2a Milner Street, London SW3 2PU
(GB).

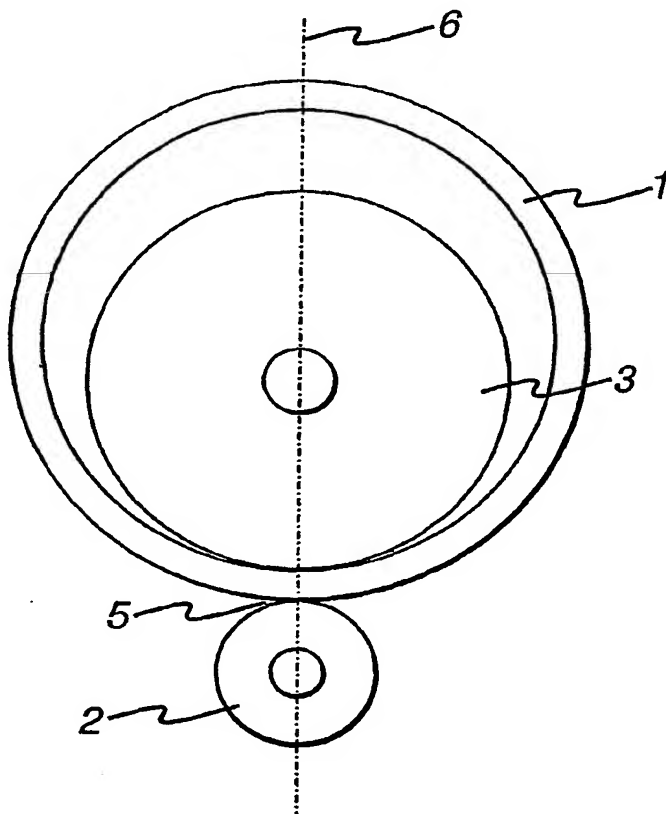
(74) Agents: **ROBERTS, Gwilym, Vaughan et al.**; Kilburn &
Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

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[Continued on next page]

(54) Title: **RATIO CHANGING METHOD AND APPARATUS**



(57) Abstract: A ratio changing method and apparatus includes, in a hypocycle arrangement, an input drive wheel (2), an output drive wheel (3) and a transfer ring (1). The input drive wheel (2) drives around the exterior of the transfer ring (1). The transfer ring (1) is constrained against rotation about its own axis but oscillates about the outward drive wheel (3), in parting rotation to the output drive wheel (3) as a result a simple and effective ratio changing apparatus is provided.

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